

Converting Colors

$Y_{xy}(72.2441, 0.3075, 0.2832)$

Have a look what the booklet for
Yxy(72.2441, 0.3075, 0.2832)
contains.

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Color

Yxy(72.2334, 0.3077, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	F5D1FF
RGB	245, 209, 255
RGB Percent	96%, 82%, 100%
CMY	0.0391, 0.1804, 0.0000
CMYK	0.04, 0.18, 0.00, 0.00
HSL	287°, 100%, 91%
HSV	287°, 18%, 100%
XYZ	78.5101, 72.2334, 104.4080
YIQ	225.0080, 6.6900, 21.9380

Conversions

Conversions Part 2

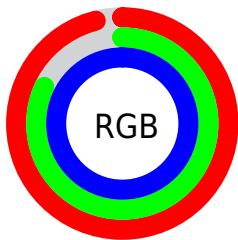
Format	Color
R _Y B	245, 209, 255
Decimal	16110079
CIE Lab	88.08, 20.51, -17.77
CIE LCh	88, 27.140, 319.094
Yxy	72.2334, 0.3077, 0.2831
Android (android.graphics.Color)	4294300159 (0xFFF5D1FF)
YUV	225.0080, 14.7861, 17.5330
Hunter-Lab	84.9902, 16.1573, -13.3429

Details

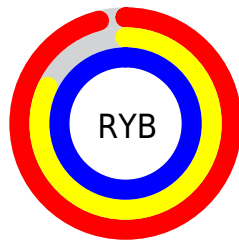
The Yxy color $72.2334, 0.3077, 0.2831$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91.1779, 0.3166, 0.3775$, and the grayscale version is $75.1923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8798, 0.3060, 0.2728$ is the 20% darker color. If you saturate the color by 10%, you get $59.7290, 0.3041, 0.2564$, and if you desaturate by 10%, it is $86.7762, 0.3107, 0.3091$.

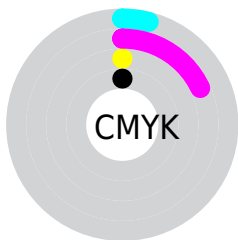
Distribution



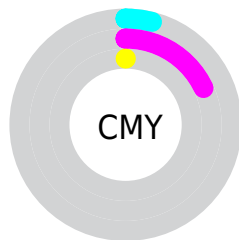
- Red (96%)
- Green (82%)
- Blue (100%)



- Red (96%)
- Yellow (82%)
- Blue (100%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2334, 0.3077, 0.2831 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 72.2334, 0.3077, 0.2831 by changing the saturation by 10% instead.


 72.2334, 0.3077,
0.2831

 72.2334, 0.3077,
0.2831


468.3536, 0.3103,
0.3036

 53.3494, 0.3070,
0.2786


122.3883, 0.3087,
0.2901

 38.0817, 0.3062,
0.2731


154.4280, 0.3090,
0.2928

 26.0461, 0.3051,
0.2663

191.6216, 0.3093,
0.2952

 16.8582, 0.3036,
0.2576

234.3536, 0.3096,
0.2973

 10.1334, 0.3014,
0.2462

283.0085, 0.3098,
0.2992

 5.4875, 0.2980,
0.2305

337.9705, 0.3100,

 2.5360, 0.2923,

0.3008

0.2078

399.6240, 0.3102,
0.3023

0.8946, 0.2813,
0.1723

0.0000, 0.2280,
0.0000

72.2334, 0.3077,
0.2831

72.2334, 0.3077,
0.2831

59.7290, 0.3041,
0.2564

86.7762, 0.3107,
0.3091

49.1584, 0.2999,
0.2296

99.9998, 0.3127,
0.3290

40.4217, 0.2951,
0.2039

33.4060, 0.2898,
0.1802

■ 27.9862, 0.2841,
0.1598

■ 24.0196, 0.2782,
0.1435

■ 21.3379, 0.2723,
0.1319

■ 19.7129, 0.2666,
0.1247

■ 19.4547, 0.2655,
0.1236

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2334, 0.2774, 0.2752



72.2334, 0.3077, 0.2831



72.2334, 0.3409, 0.3016

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2334, 0.3077, 0.2831



72.2334, 0.3703, 0.3766



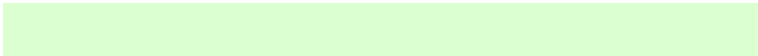
72.2334, 0.2607, 0.3273

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.2334, 0.3077, 0.2831



91.1779, 0.3166, 0.3775

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2334, 0.2836, 0.3586



72.2334, 0.3077, 0.2831



72.2334, 0.3469, 0.3875

Square

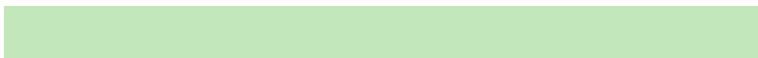
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



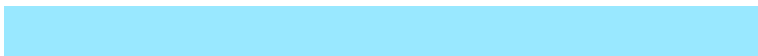
72.2334, 0.3077, 0.2831



72.2334, 0.3781, 0.3540



72.2334, 0.3150, 0.3813



72.2334, 0.2514, 0.2986

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2334, 0.3077, 0.2831



72.2334, 0.3598, 0.3181



72.2334, 0.3150, 0.3813



72.2334, 0.2670, 0.3380

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.2365, 0.3077, 0.2831



91.6123, 0.3115, 0.3167



71.8213, 0.2835, 0.2914



19.3658, 0.3113, 0.3150



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2365, 0.3077, 0.2831



67.0452, 0.3063, 0.2726



73.3152, 0.3233, 0.2956



18.0899, 0.3103, 0.3053



10.2339, 0.2664, 0.1241



1.0434, 0.2729, 0.1277

Inverse Universe

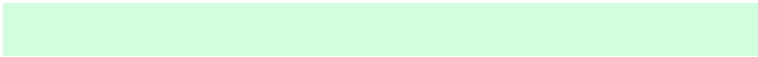
The Inverse Universe completely reimagines the original color for something new.



71.9737, 0.3405, 0.3190



66.7675, 0.3481, 0.3166



90.3076, 0.3036, 0.3649



18.0516, 0.3260, 0.3239



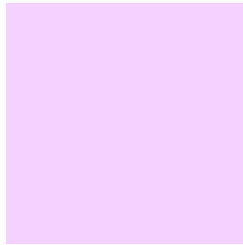
11.2723, 0.6034, 0.3098



1.1129, 0.5729, 0.2930

Previews

White Background



This preview shows how the Yxy color 72.2334, 0.3077, 0.2831 looks on a white background.

Color Contrast Check

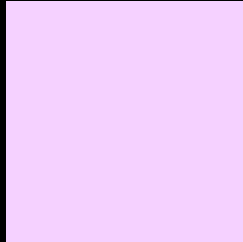
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 72.2334, 0.3077, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

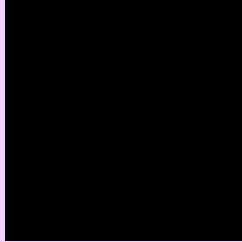
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

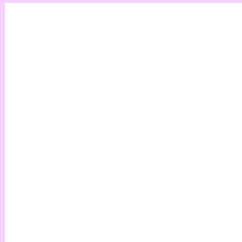
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2334, 0.3077, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 72.2334, 0.3077, 0.2831.

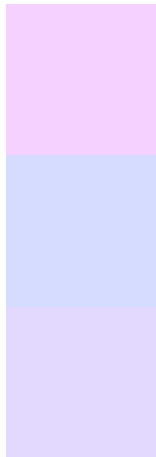


This preview shows how white text looks on a background with the Yxy color 72.2334, 0.3077, 0.2831.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.2334, 0.3077, 0.2831

Protanopia

72.7025, 0.2867, 0.2920

Deuteranopia

72.5984, 0.2958, 0.2897



Tritanopia

72.0024, 0.3216, 0.3114

Trichromacy



Original Color

72.2334, 0.3077, 0.2831

Protanomaly

72.3393, 0.2938, 0.2886

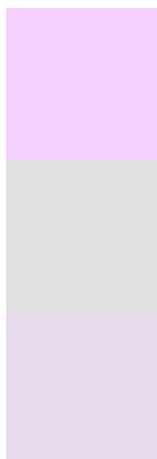
Deuteranomaly

72.2367, 0.3006, 0.2871

Tritanomaly

72.1962, 0.3162, 0.3014

Monochromacy



Original Color

72.2334, 0.3077, 0.2831

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.8750, 0.3107, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2334, 0.3077, 0.2831 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.2334, 0.3077, 0.2831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 209, 255) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(245, 209, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(245, 209, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2334, 0.3077, 0.2831$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
209, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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